

CLAIMS

1. A tool for piercing nuts, comprising a die part and a punch part and a piercing nut feeder incorporated into the punch part and adapted to feed piercing nuts into a piercing nut holder in the punch part so that said nuts, when the punch part is pressed against the die part by a press, are to punch holes in and be attached to a metal sheet inserted between the punch part and the die part, characterised in that a gas spring (3) is arranged between the press and the punch part, said gas spring (3) having at least one cylinder (5-7) and a piston (8-10) which is movably arranged in said cylinder (5-7) and which is aligned with the press, the pressure in the cylinder (5-7) being settable for adjusting the pressure exerted upon the piercing nut by the punch part.

2. A tool for piercing nuts as claimed in claim 1, characterised in that the gas spring (3) comprises an odd number of, however at least three, cylinders (5-7) and associated pistons (8-10).

3. A tool for piercing nuts as claimed in claim 2, characterised in that the cylinders (5-7) are connected in series.